

Islands in the Stream Expedition  
2001 Field Season  
**Dive Summary**

**Sampler**  
**9/8/2001**

**Gray's Reef-Savannah Scarp, Islands in the Stream**

**Overview of Dive Clelia-625 at Sampler**

Tim Askew Jr. piloted this dive at the site known as Sampler (31.51237 / -78.28214) on 9/8/2001 starting at 15:07:20. Total dive time was 3:05:22 and the maximum depth reached was 230 feet. Scientific observers were Jill Jennings and Joshua Loefer. (All times EST)

**Dive Objectives.** Objectives accomplished during the dive include:

Fish Assessment	Primary
Filming	Primary
Sample Collection	Secondary
Education/Outreach	Secondary

**Data Collected.** Types of data collected during the dive include:

CTD/Data Sonde

**Tracking**

Rock Samples	1
Sediment Samples	1
Fish	2 1 yellowtail reef fish, and 1 clown wrasse
Digital Video Tapes	1
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**Living Marine Resources Abundance**

few 2-10; many 11 - 100; abundant >100

<b>Pelagic Fish</b>		<b>Other Benthic</b>	Many
<b>Bottom Fish</b>	Many	sponges	
<b>Crustacean</b>	Few		
<b>Mollusk</b>	Few		
<b>Echinoderm</b>	Many		

**Observations and Comments on Living Marine Resources:**

**General Comments**

None.



Prepared by :  
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**Dive Track Description**

Dive started on flat sandy bottom. it took us a long time to find hard bottom. The rocks were sparse. However, when we did locate one, it was relatively small and utilized by one to many small fish. These small areas of hard bottom were usually separated from the nearest hard bottom area by 15-20 ft. The largest area of hard bottom encountered during the dive was of extremely low relief (<1ft.). There was relatively little vertical invertebrate cover on live bottom and was dominated by sponges. Relief of features observed during the dive ranged from to <1 meters.

